

SOLA 72P 320-340Watt

多晶硅太阳能组件

0~+3% 正公差

Poly 72 Cell



组件特性 KEY FEATURES



5主栅光伏电池片: 5busbar solar cell:

更均匀的电流收集能力, 降低组件内部电池片的电流热损耗

No power loss thanks to improved temperature co-efficient caused by 5 busbar solar cell.



抗PID保证: PID RESISTANT:

可保证规模化生产的组件通过PID (电势诱导衰减) 测试。

Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition for mass production.



弱光性能: Low-light Performance:

通过使用出色的玻璃及电池片的表面制绒技术, 以达到在弱光环境下获得优异的性能。

Excellent performance in low-light environments.



载荷能力: Severe Weather Resilience:

整体组件通过2400Pa的风载荷及5400Pa的雪载荷认证。

Extremely weather resistant due to approval for increased snow and wind loads:5400 Pa snow load,2400 Pa wind load.



严酷环境的适应性: Durability against extreme environmental conditions:

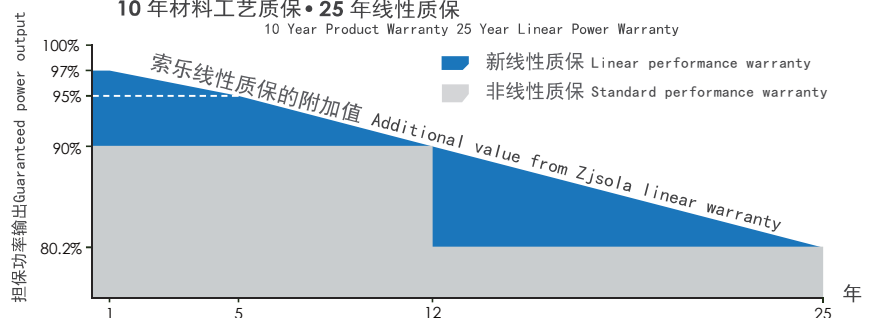
通过高盐雾及高氨气腐蚀测试。

High salt mist and ammonia resistance certified by TUV NORD.

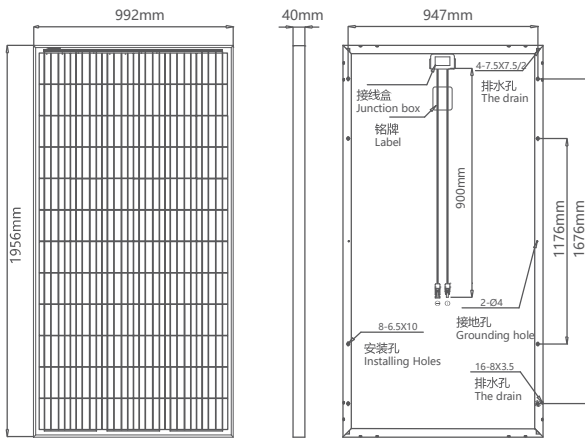
业内领先的线性质保 LINEAR PERFORMANCE WARRANTY

10 年材料工艺质保 • 25 年线性质保

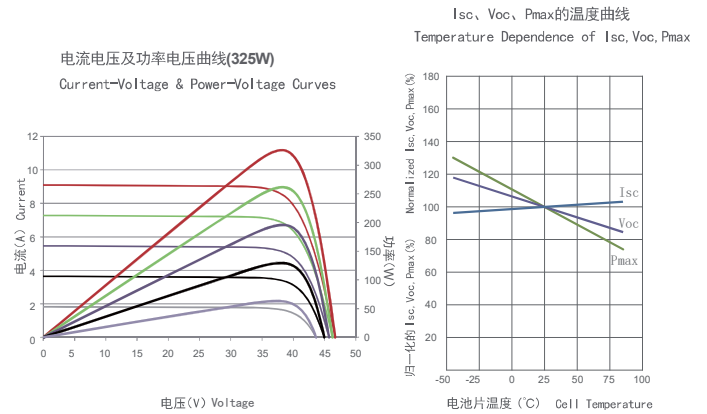
10 Year Product Warranty 25 Year Linear Power Warranty



装配图 Engineering Drawings



曲线图 Electrical Performance & Temperature Dependence



包装方式 Packaging Configuration

	20' GP	40' GP
单托组件数量 Number of supporting components	26	26
托盘数 The tray number	10	22
组件总数 The total number of components	260	572

结构参数 Mechanical Characteristics

电池片类型 Cell Type	多晶硅 156×156mm (6英寸)
电池片数目 No. of cells	72(6×12)
组件尺寸 Dimensions	1956×992×40mm
组件重量 Weight	23.5千克
玻璃 Glass	3.2mm, 防反射涂层, 钢化玻璃 3.2mm, High Transmission, Low Iron, Tempered Glass
边框 Frame	阳极氧化铝合金 Anodized Aluminium Alloy
接线盒 Junction	防护等级IP67 IP67 Rated
输出导线 Output Cables	900mm

电性能参数 SPECIFICATIONS

组件型号 Module Type	SL-72-340P	SL-72-335P	SL-72-330P	SL-72-325P	SL-72-320P
	STC	STC	STC	STC	STC
最大功率 Maximum Power (P_{max})	340Wp	335Wp	330Wp	325Wp	320Wp
最佳工作电压 Maximum Power Voltage (V_{mp})	38.2V	38V	37.8V	37.6V	37.4V
最佳工作电流 Maximum Power Current (I_{mp})	8.9A	8.82A	8.74A	8.66A	8.56A
开路电压 Open-circuit Voltage (V_{oc})	47.5V	47.2V	46.9V	46.7V	46.4V
短路电流 Short-circuit Current (I_{sc})	9.22A	9.18A	9.14A	9.1A	9.05A
组件效率 Module Efficiency STC (%)	17.52%	17.26%	17.01%	16.75%	16.49%
工作温度范围 Operating Temperature (°C)	-40°C~+85°C				
最大系统电压 Maximum system voltage	1500V DC (IEC)				
最大额定熔丝电流 Maximum series fuse rating	20A				
输出功率公差 Power tolerance	0~+3%				
最大功率(P_{max})的温度系数 Temperature coefficients of P_{max}	-0.37%/°C				
开路电压(V_{oc})的温度系数 Temperature coefficients of V_{oc}	-0.29%/°C				
短路电流(I_{sc})的温度系数 Temperature coefficients of I_{sc}	0.048%/°C				
名义电池工作温度 Nominal operating cell temperature (NOCT)	45±2°C				

